

FIG. 1

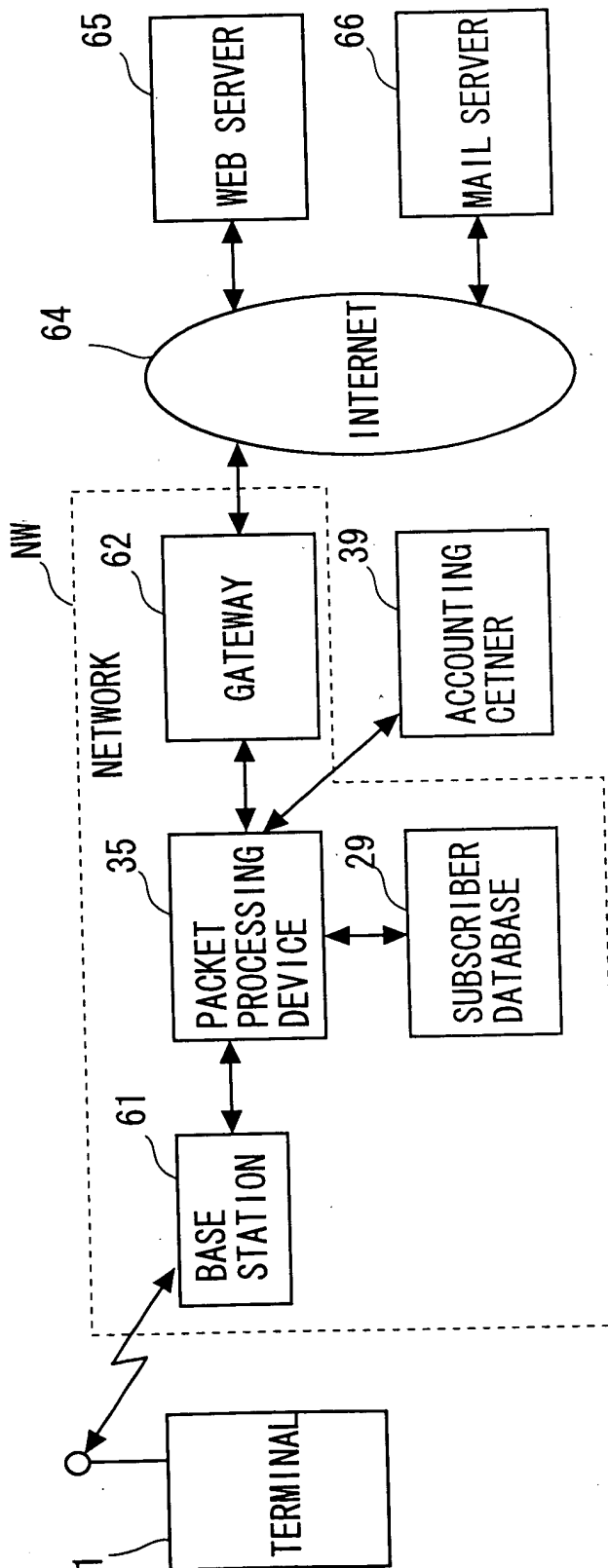
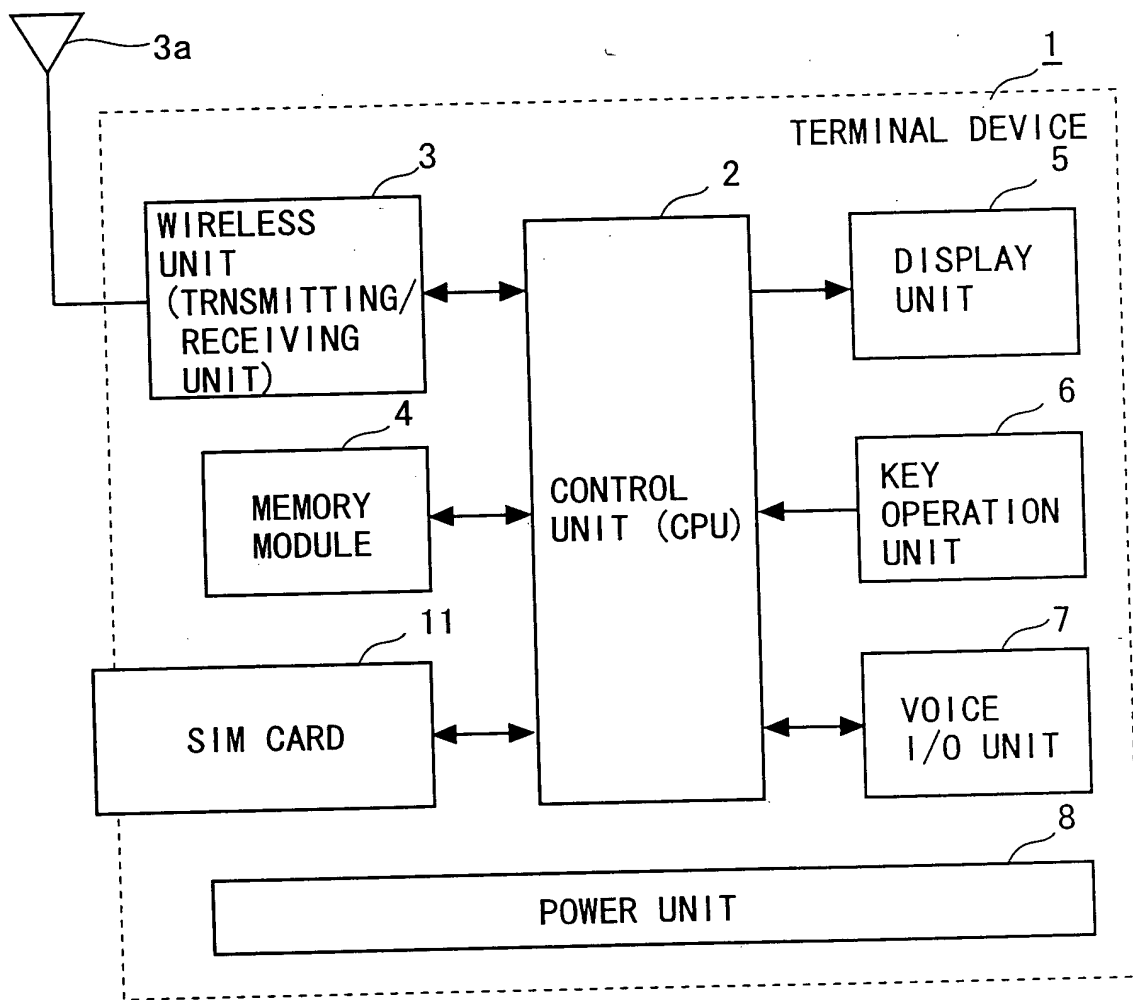


FIG. 2



09904686-071301

FIG. 3

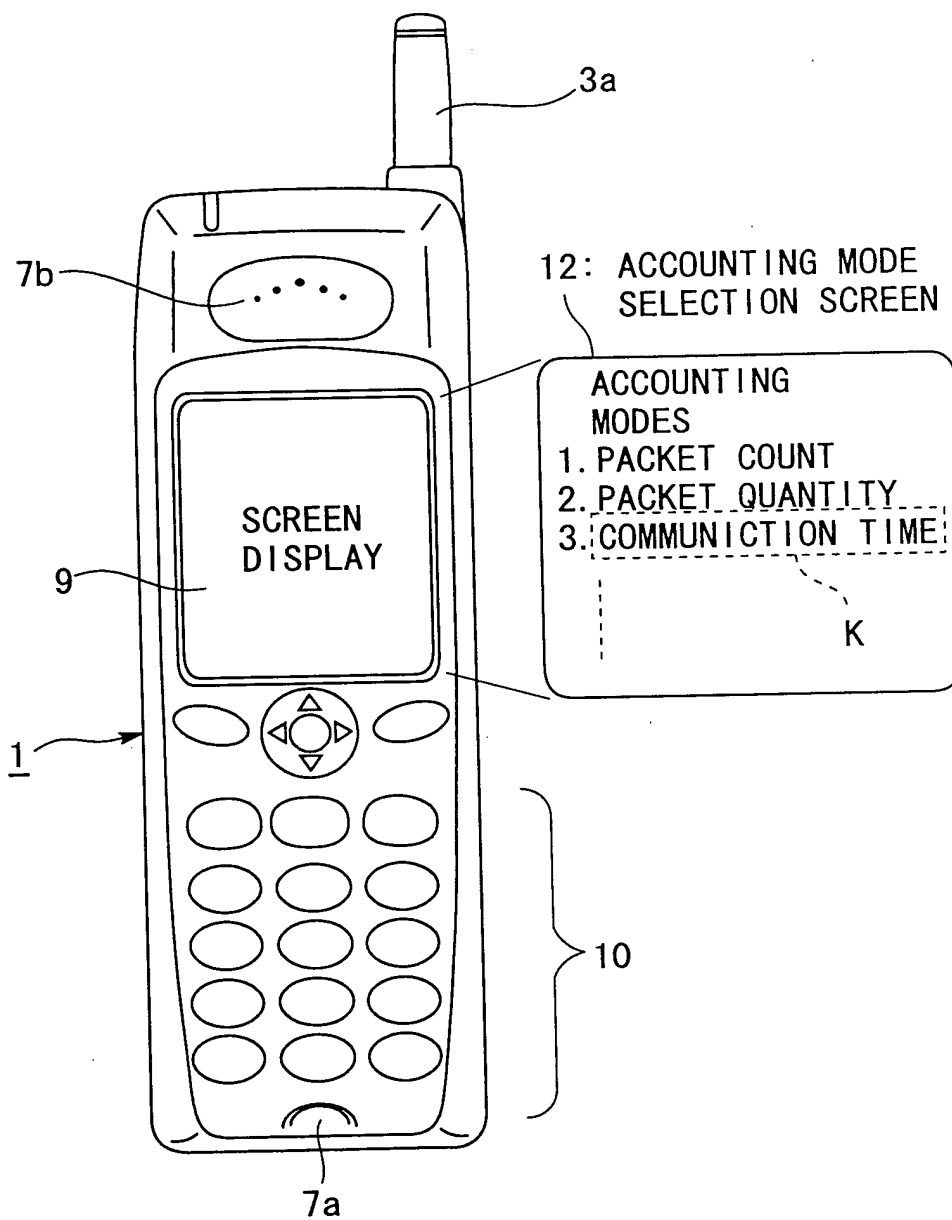
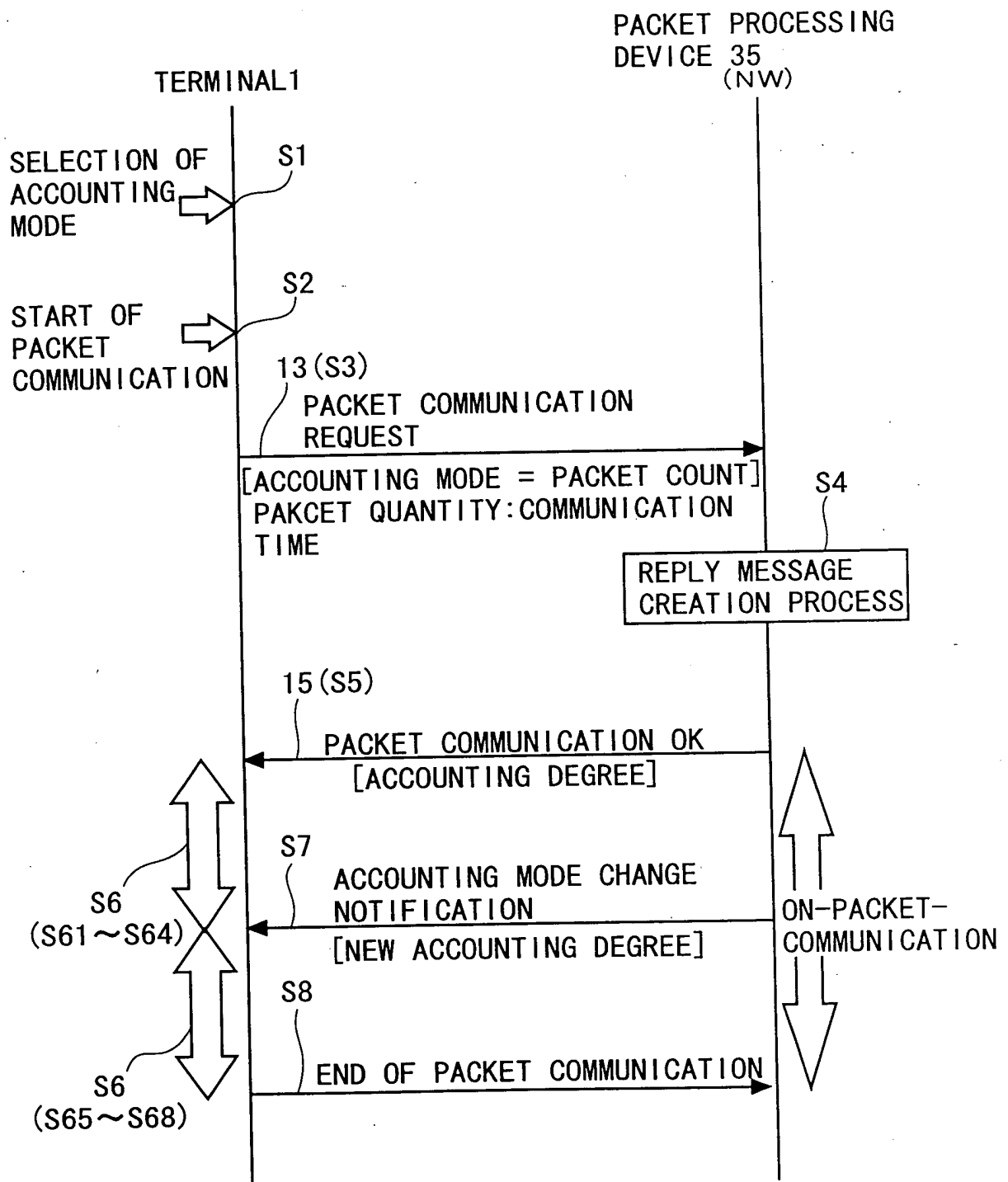


FIG. 4



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FIG. 5

MESSAGE FOR REQUESTING PACKET COMMUNICATION

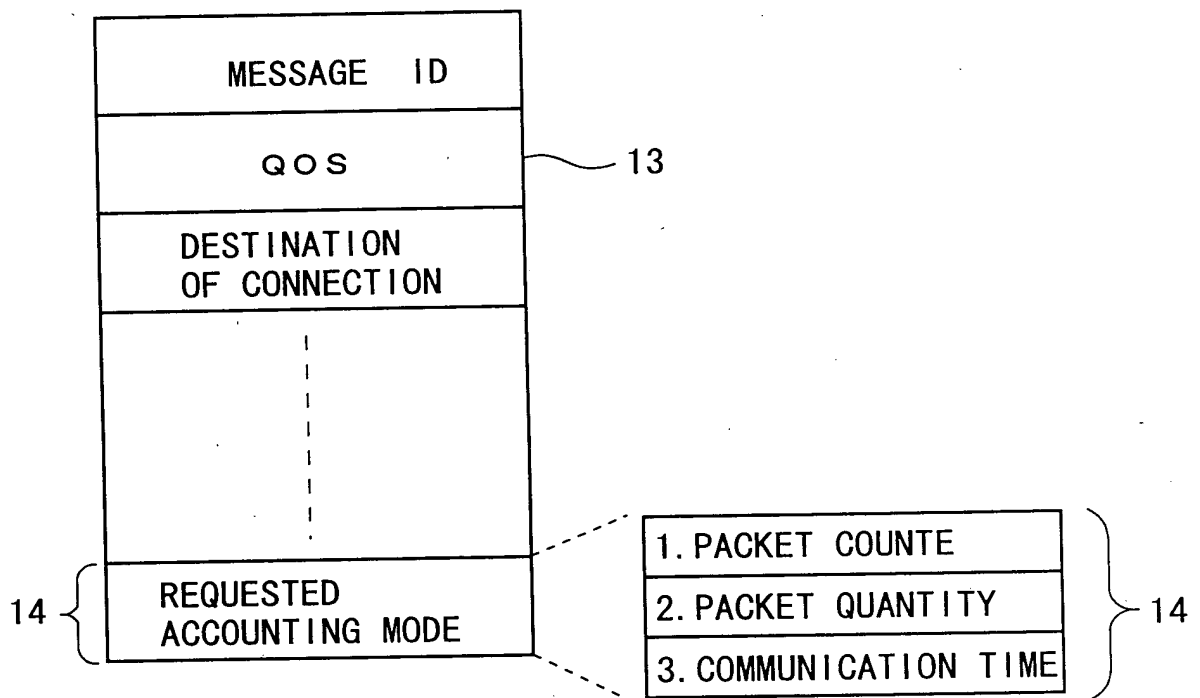


FIG. 6

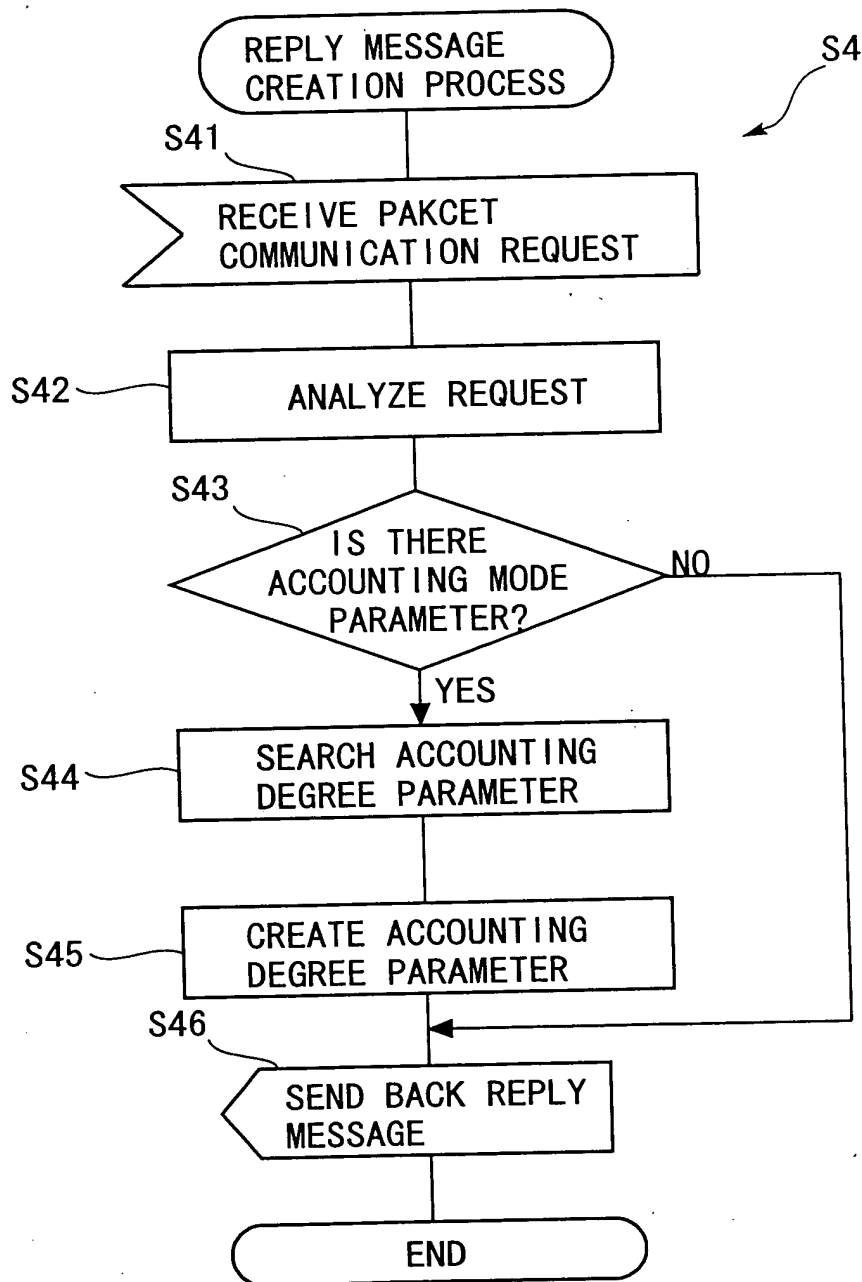


FIG. 7

PACKET COMMUNICATION O. K. MESSAGE
(RESPONSE MESSAGE)

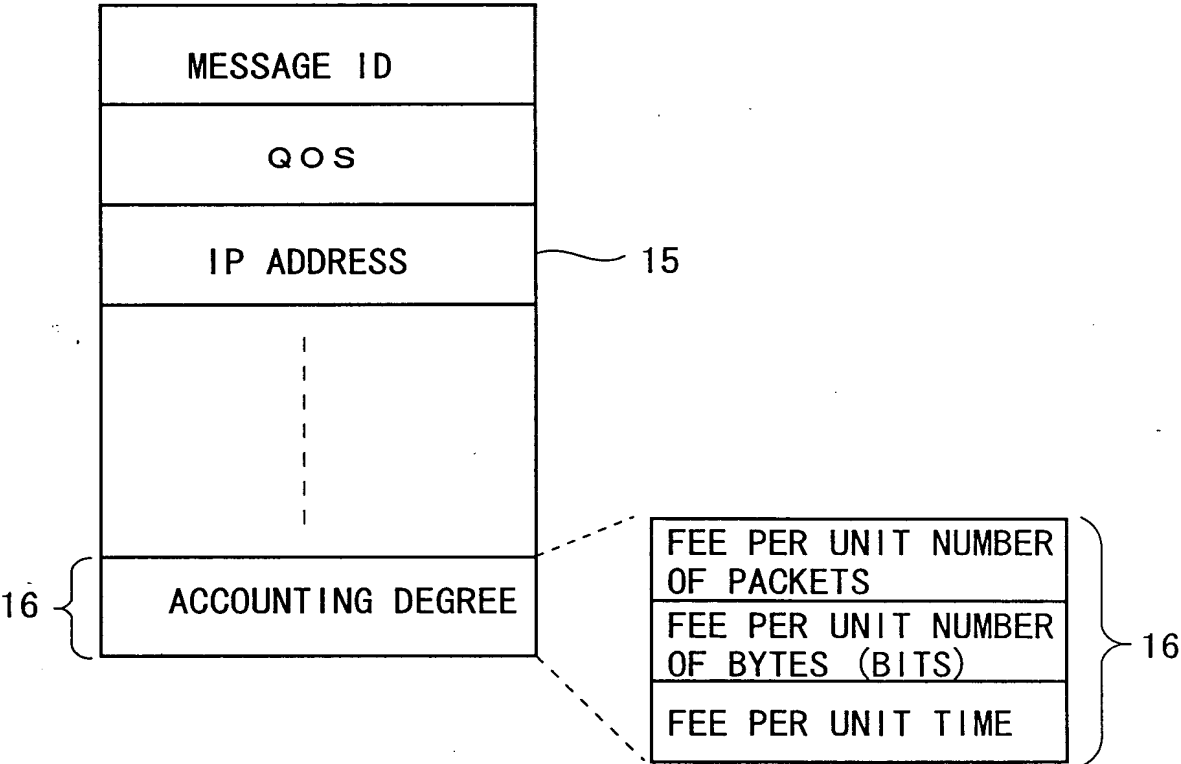


FIG. 8

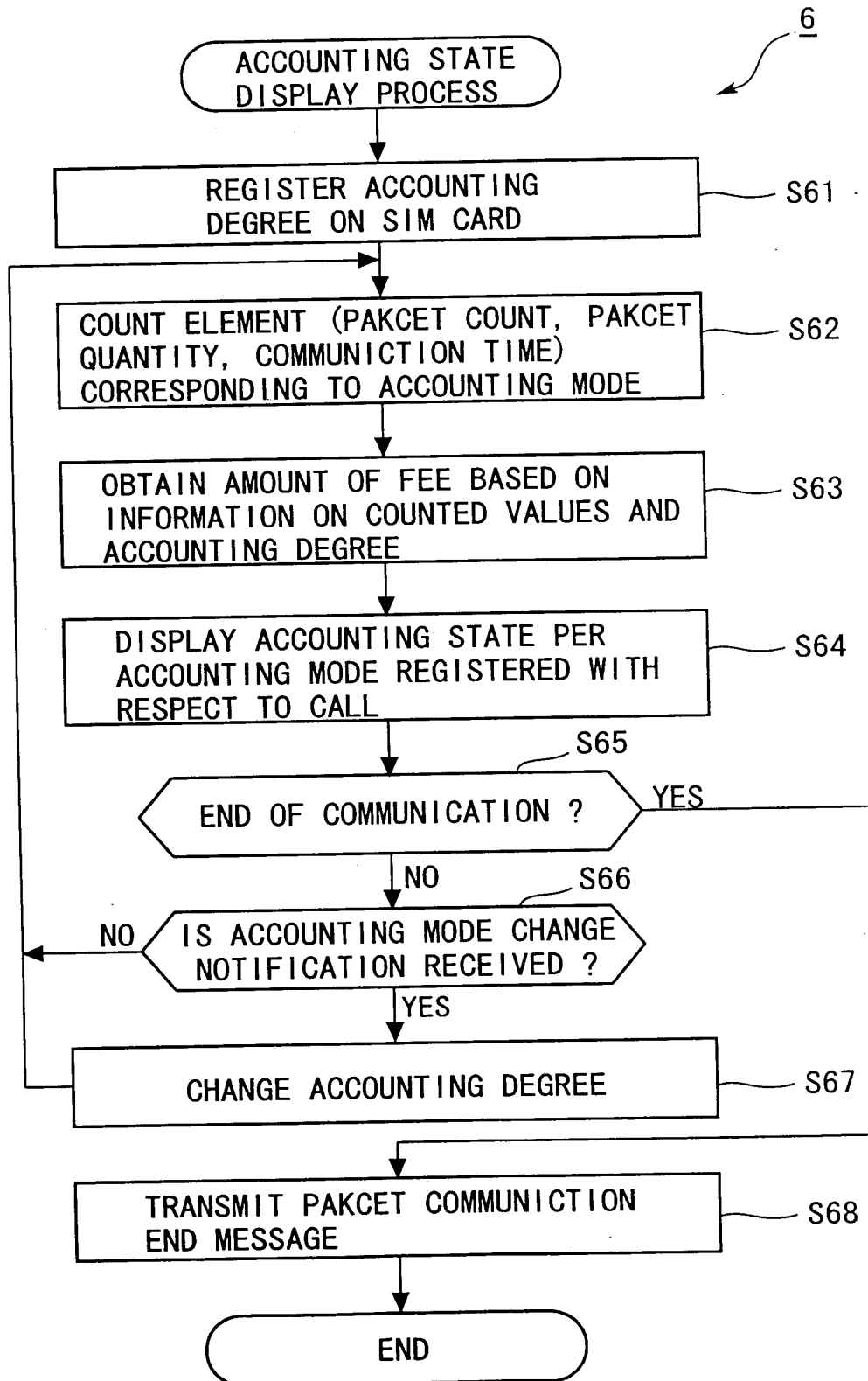


FIG. 9

17: ACCOUNTING STATES
DISPLAY SCREEN

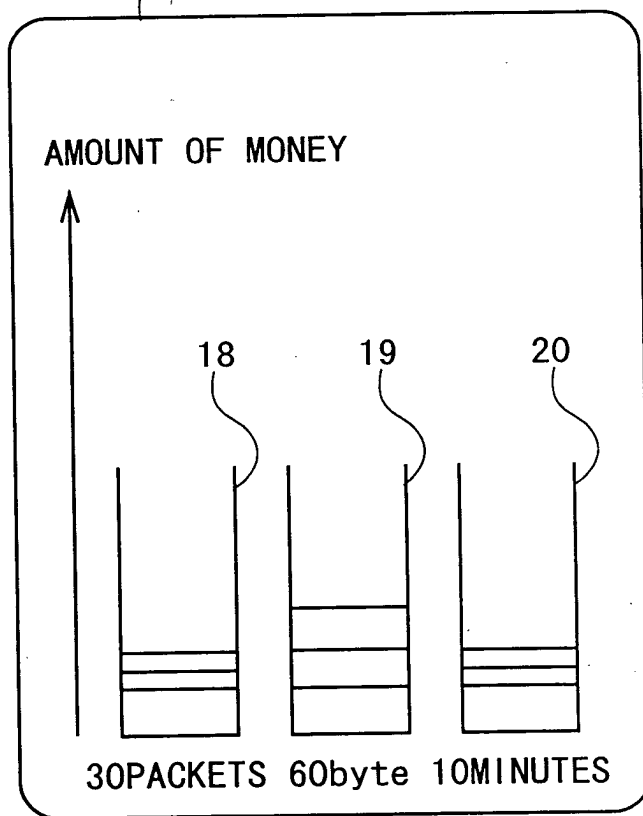
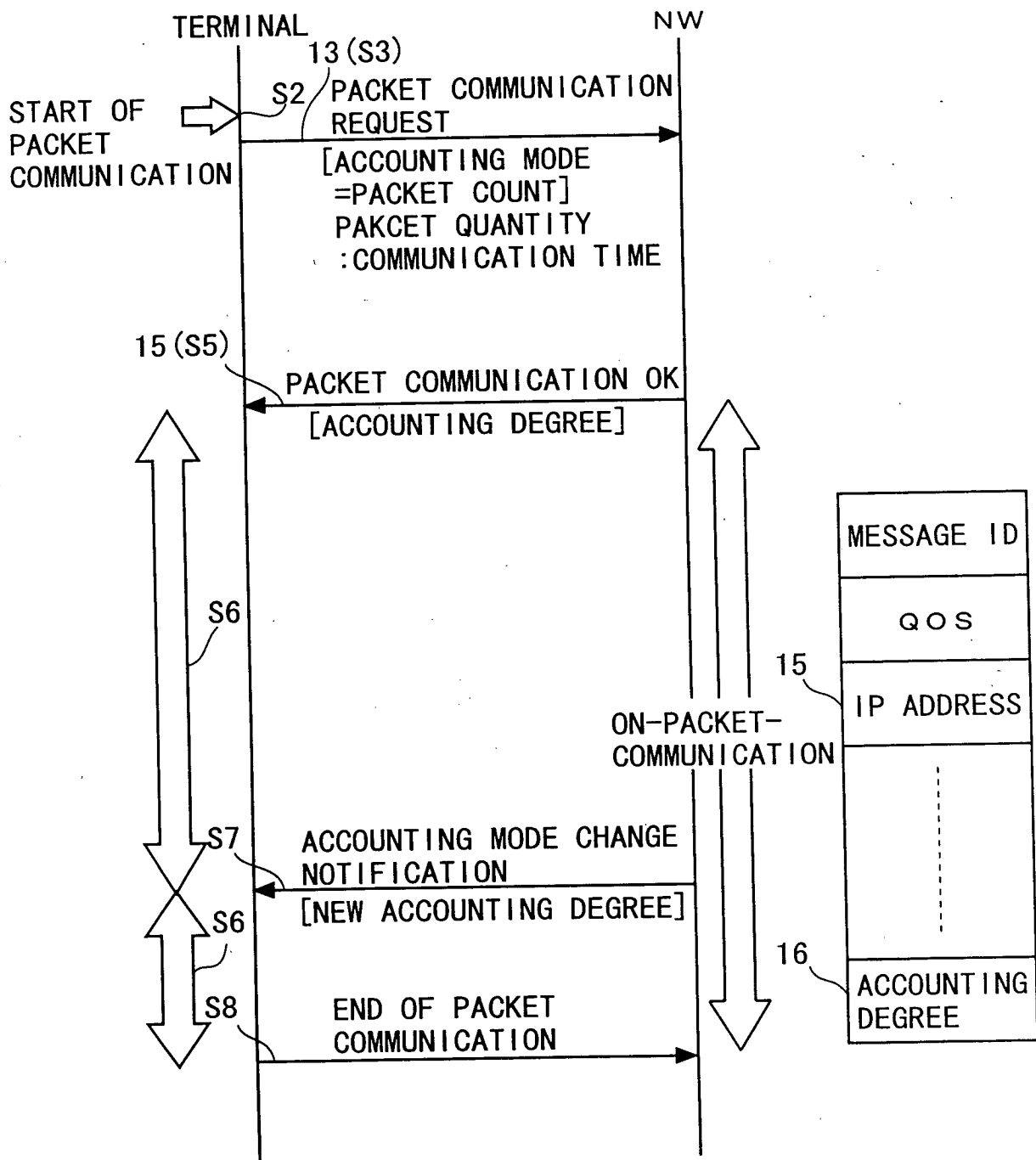


FIG. 10



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FIG. 11A

ACCOUNTING MODE
SELECTION SCREEN 12

- ACCOUNTING MODES
- 1. PACKET COUNT
 - 2. PAKCET QUANTITY
 - 3. COMMUNICATION TIME
-

FIG. 11B

REGISTERED ACCOUNTING
MODE SELECTION SCREEN 19

- REGISTERED ACCOUNTING
MODES,
- 1. PACKET COUNT
 - 2. PAKCET QUANTITY
 - 3. COMMUNICATION TIME
-

FIG. 11C

ACCOUNTING STATES
DISPLAY SCREEN 17

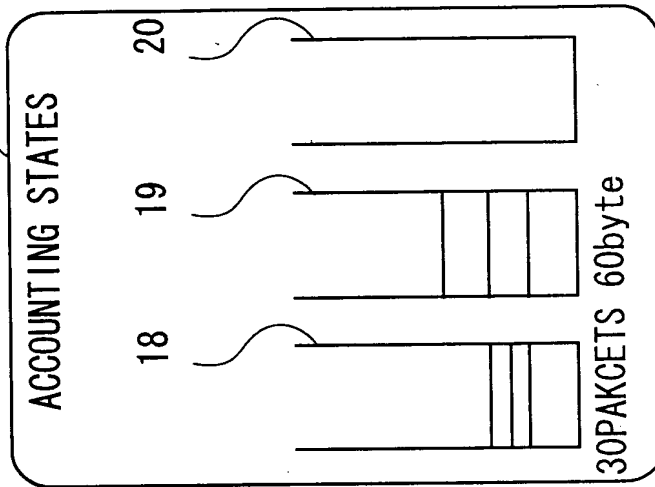
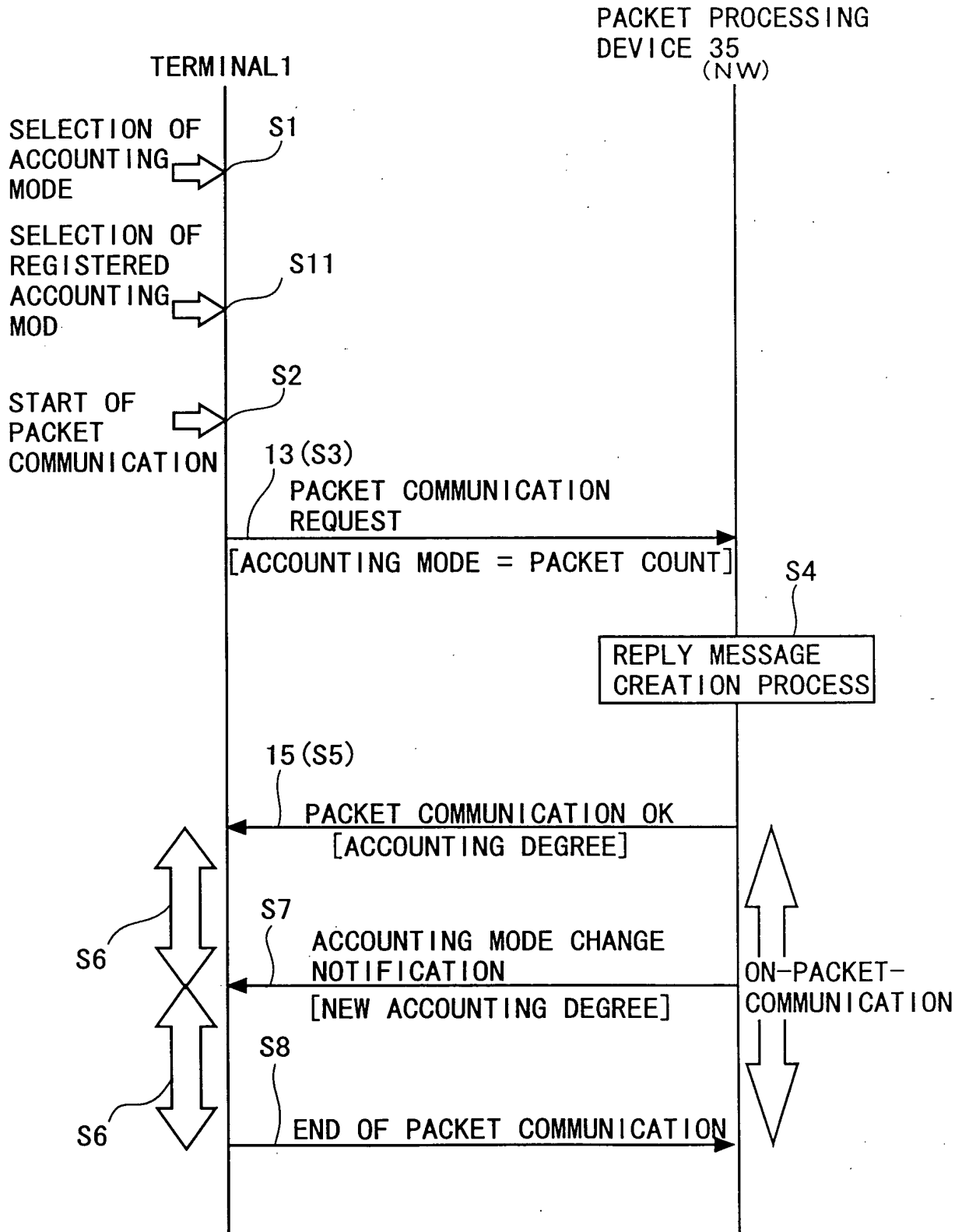


FIG. 12



09904586 0130 TDET 40" 98940660

FIG. 13

MESSAGE FOR REQUESTING PACKET COMMUNICATION

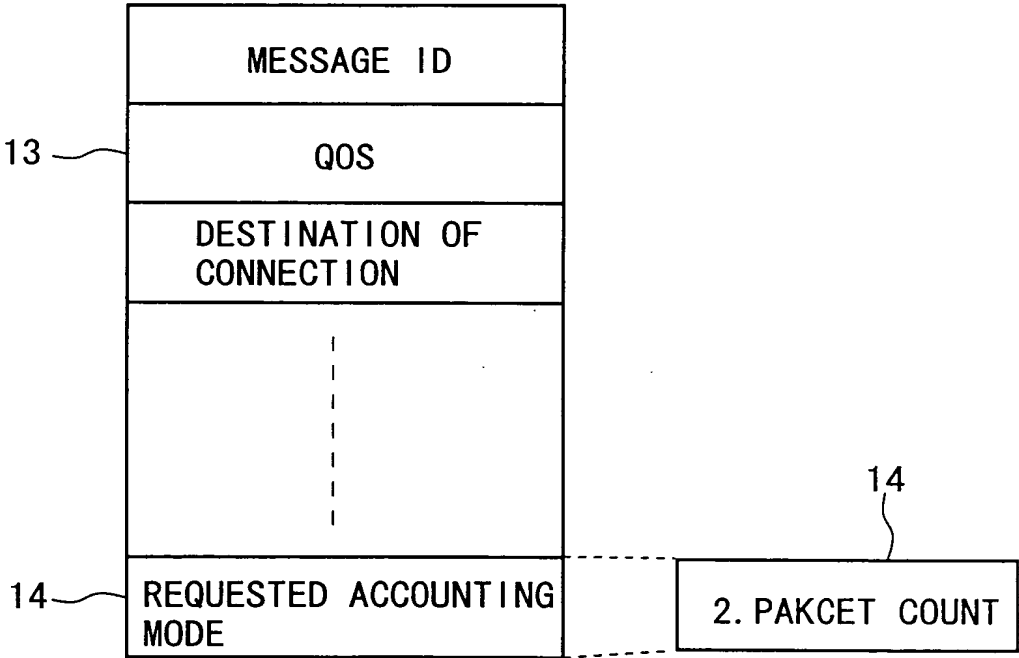


FIG. 14

PACKET COMMUNICATION O. K. MESSAGE

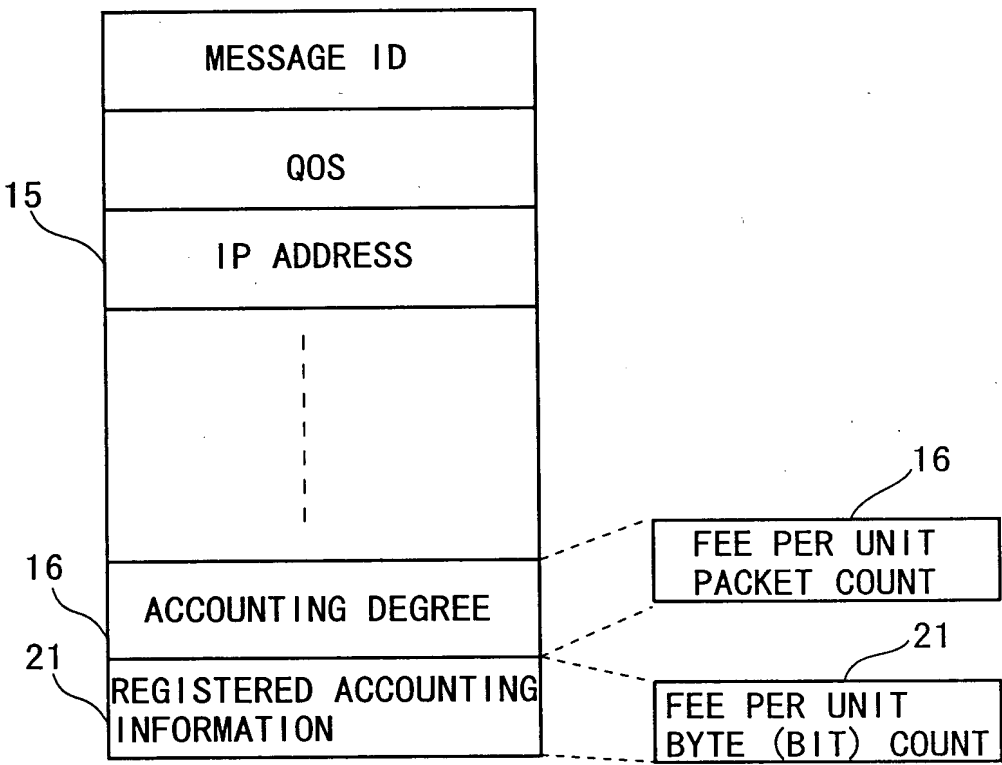


FIG. 15A

ACCOUNTING MODE
SELECTION SCREEN

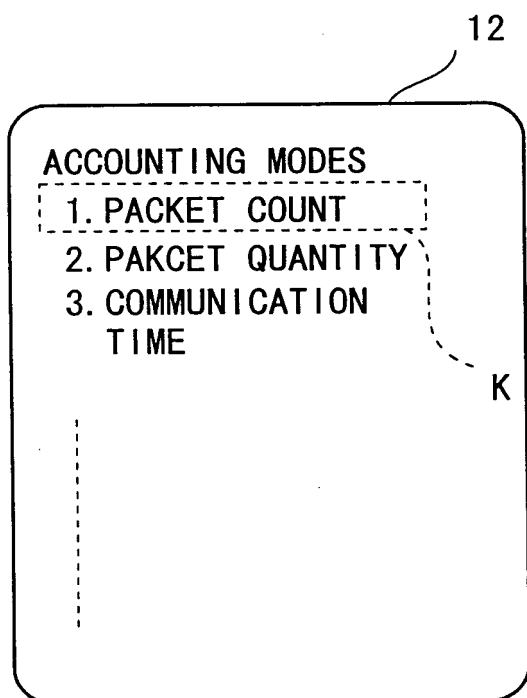
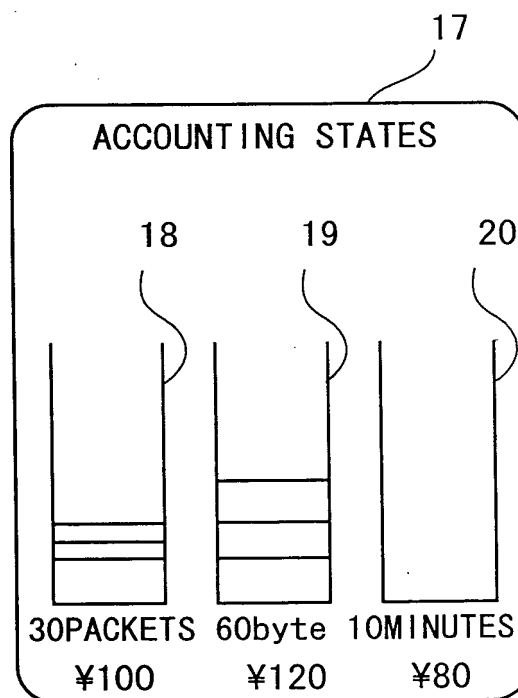


FIG. 15B

ACCOUNTING MODE
SELECTION SCREEN



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FIG. 16A

FIG. 16B

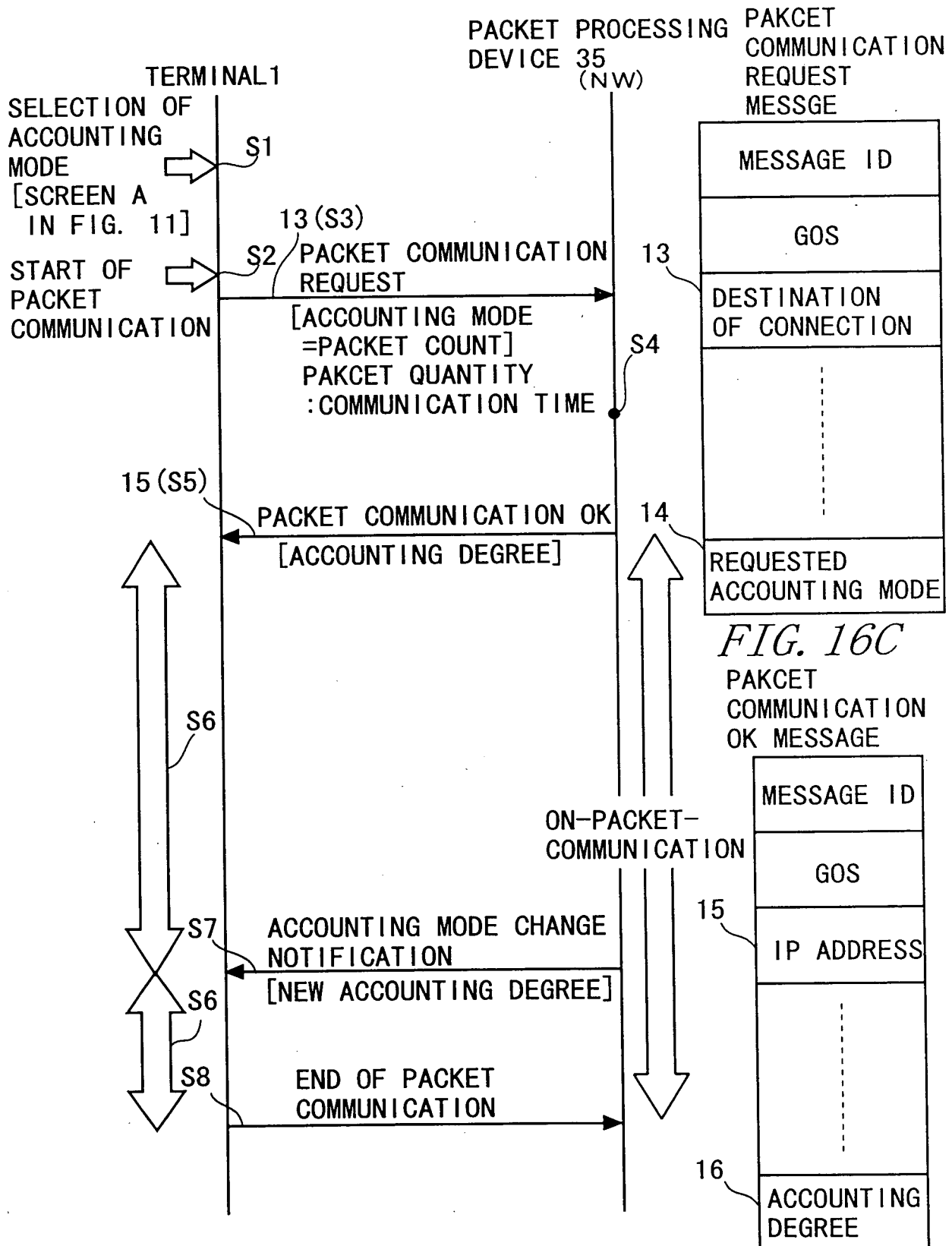


FIG. 17A

ACCOUNTING MODE
SELECTION SCREEN

12

ACCOUNTING MODES

- 1. PACKET COUNT
- 2. PACKET QUANTITY
- 3. COMMUNICATION TIME

K

FIG. 17B

ALARM NOTIFICATION
SETTING SCREEN

23

ALARMED/UNARMED ?

- 1. ALARMED
- 2. UNARMED

K

FIG. 17C

THRESHOLD VALUE
INPUT SCREEN

24

THRESHOLD VALUE
INPUTTED ?

PER X BYTES

FIG. 18

DISC/REL MESSAGE

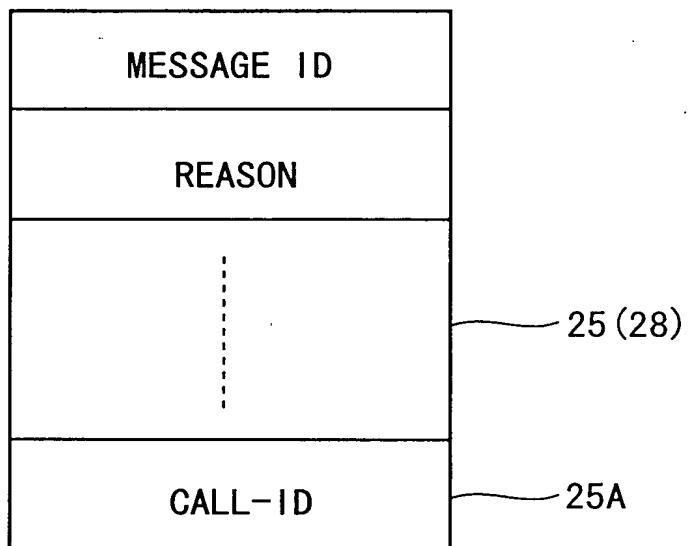


FIG. 19

ACCOUNTING METHOD SETTING MESSAGE

MESSAGE ID	26
SUBSCRIBER IDENTIFIER [IMSI/MSISDN]	
CALL-ID	
ACCOUNTING METHOD	

FIG. 20

ACCOUNTING METHOD SELECTION SCREEN

WHICH ACCOUNTING METHOD ?

- 1. PACKET COUNT
- 2. PACKET QUANTITY
- 3. COMMUNICATION TIME

18 19 20

30PACKETS 60byte 10 MINUTES

¥100 ¥90 ¥110

27

K

FIG. 21A

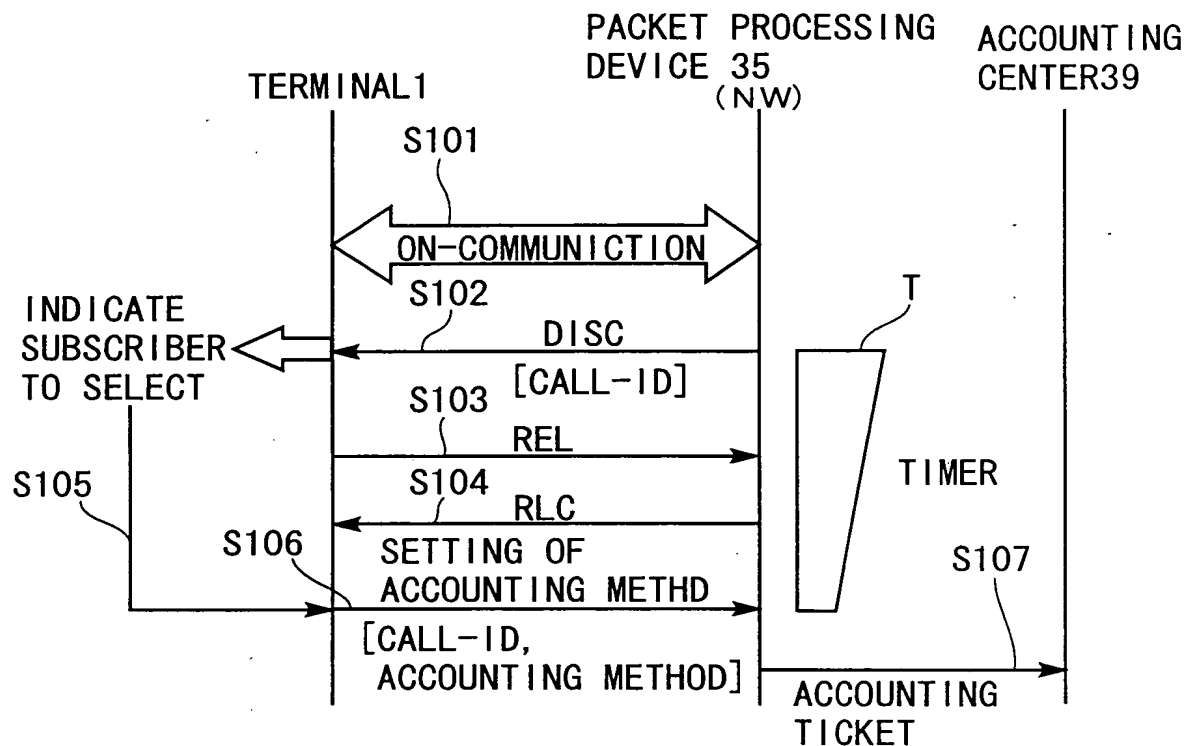


FIG. 21B

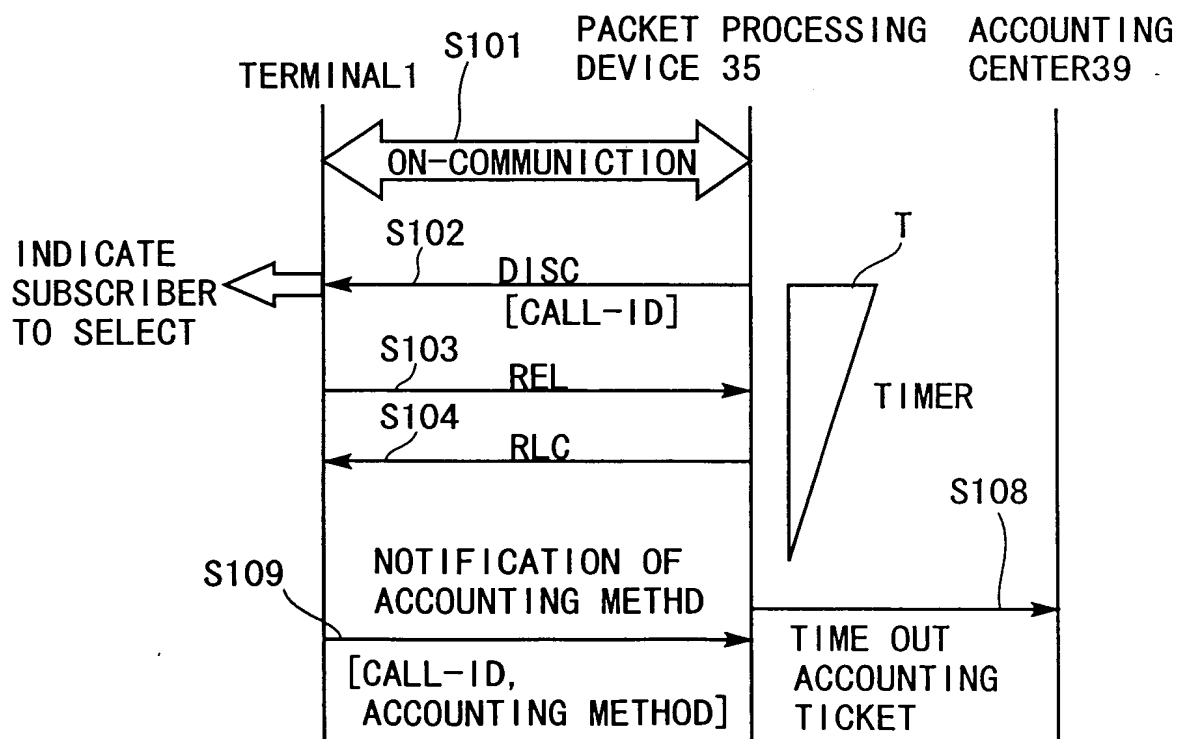


FIG. 22

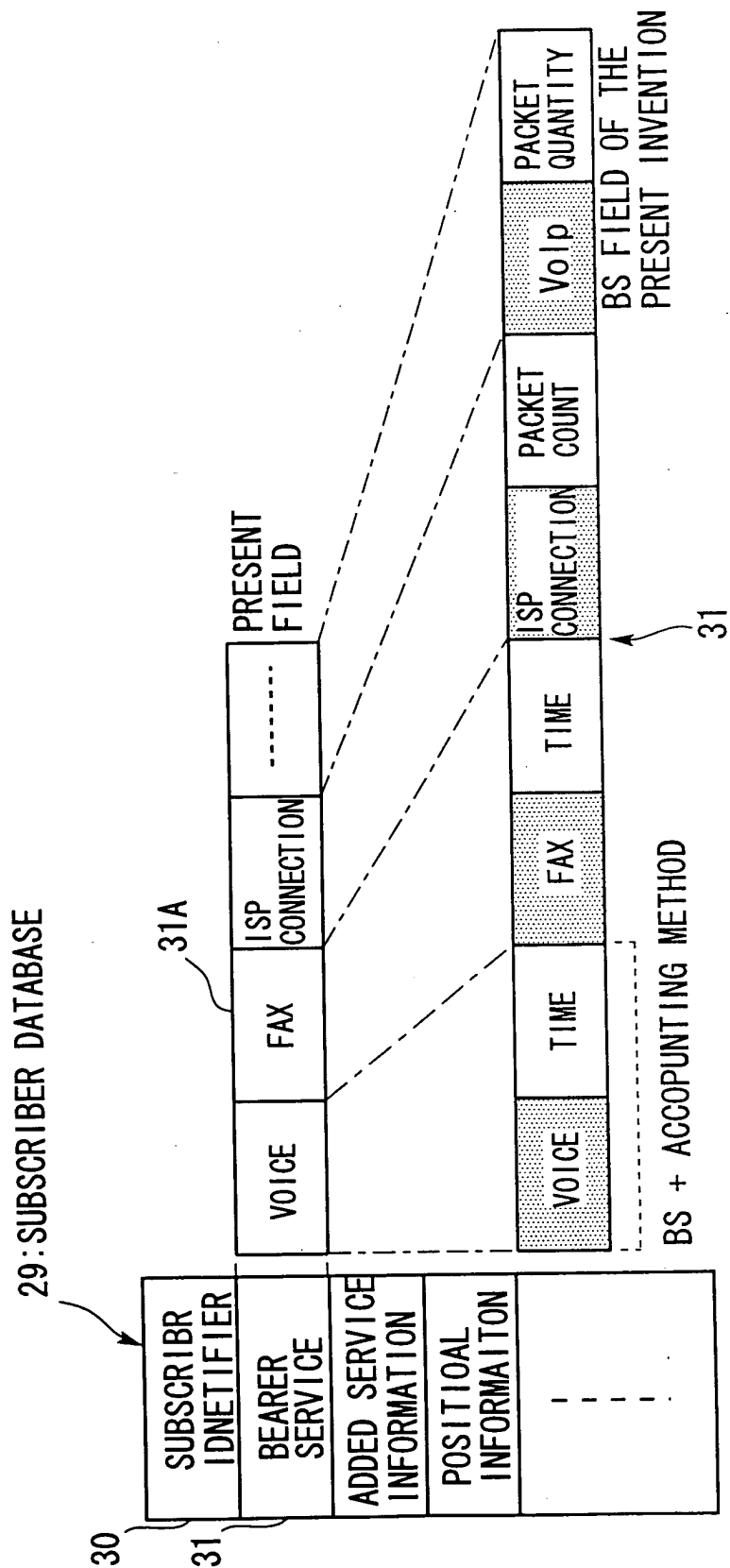


FIG. 23

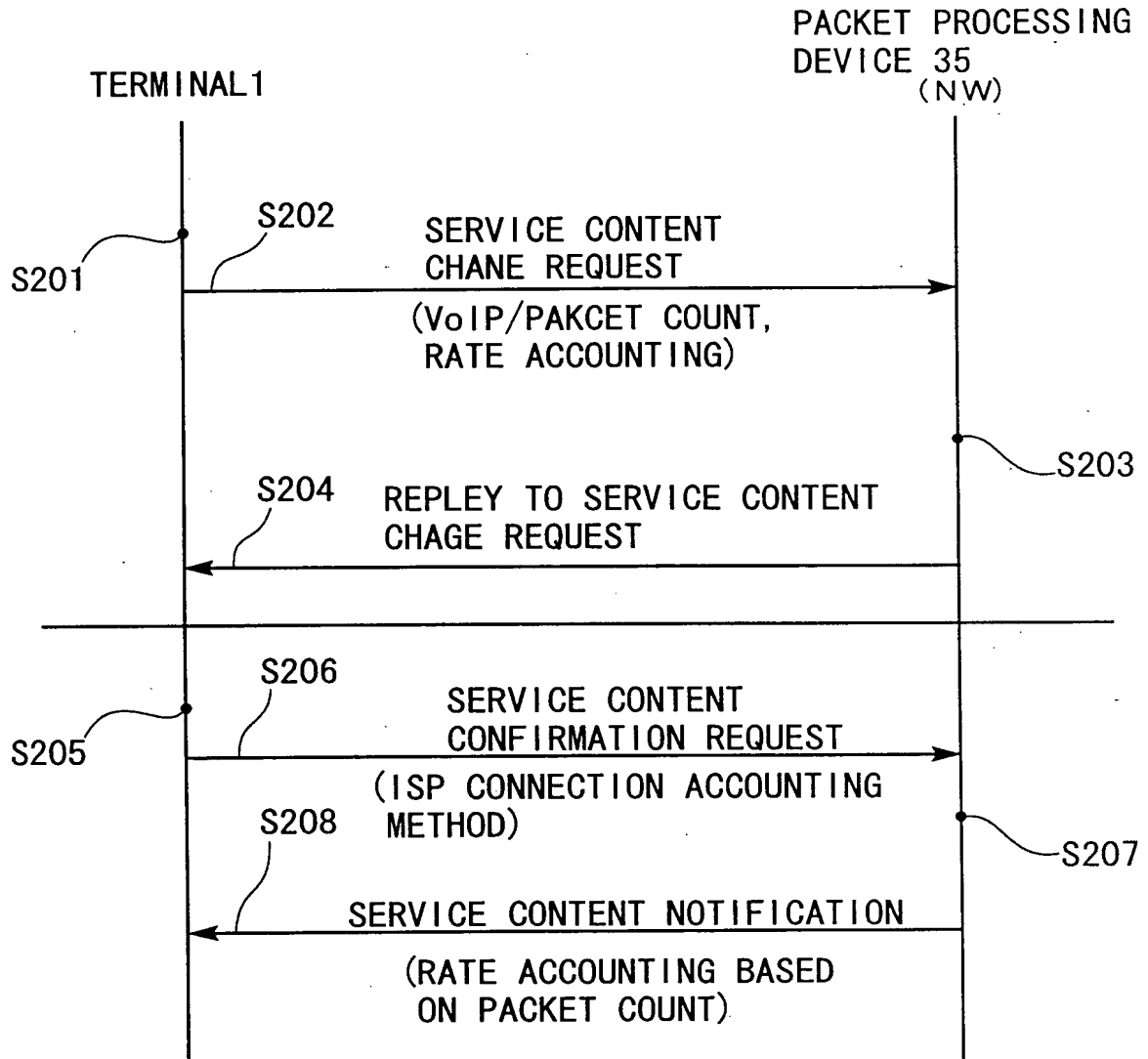
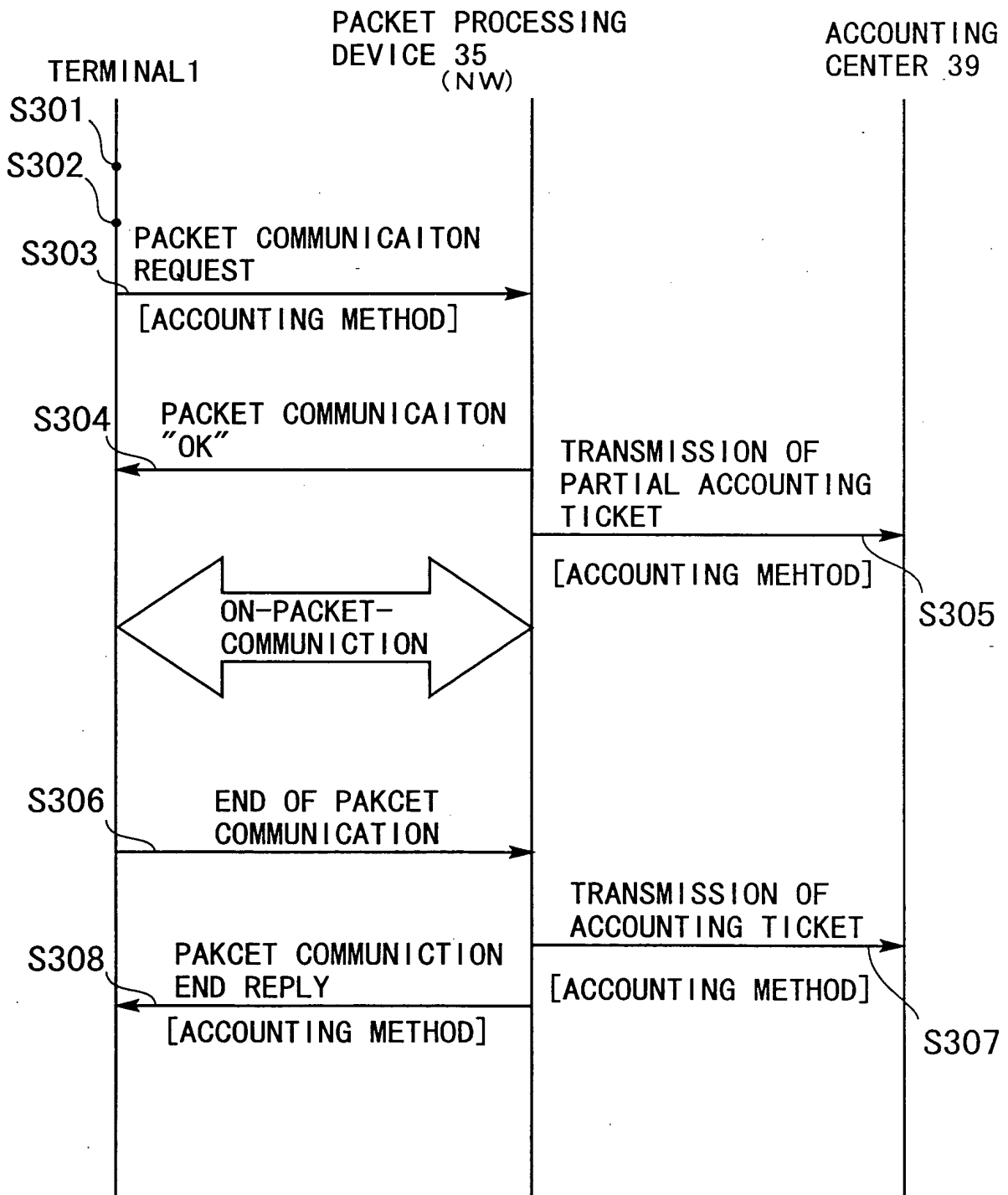


FIG. 24



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FIG. 25A

PAKCET FOWARDING SCREEN

32

WHERE CONNECTED TO ?

090xxxxxxxx

FIG. 25B

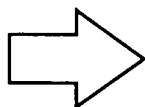
ACCONTING METHOD
SPECIFYING SCREEN

33

WHICH ACCOUNTING
METHOD ?

K

1. TIME-BASIS
ACCOUNTING
2. PAKCET COUNT
ACCOUNTING
3. PAKCET QUANTITY
ACCOUNTING
4. DENSITY ACCOUNTING
- 5.



0904686-07304

FIG. 26

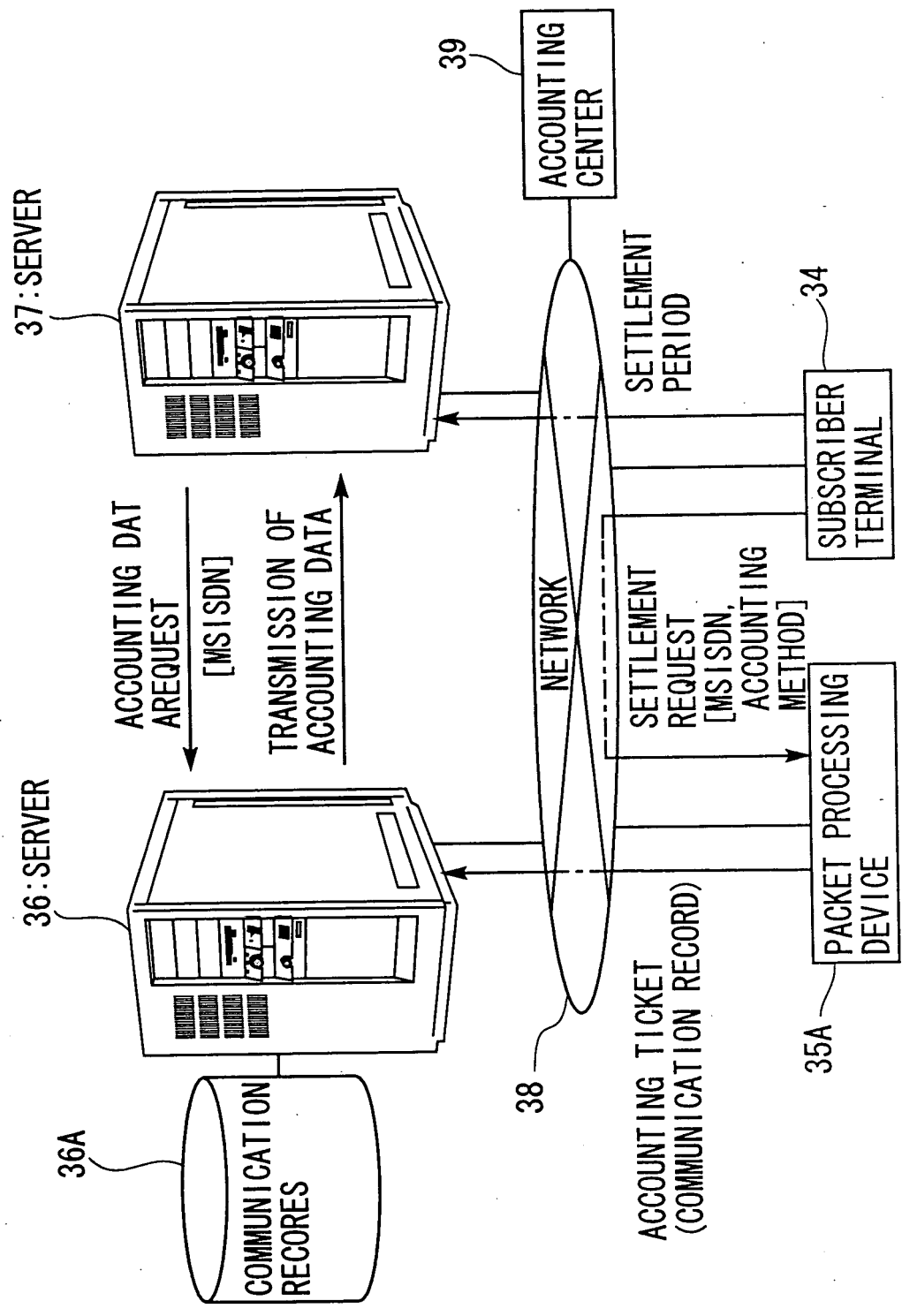


FIG. 27

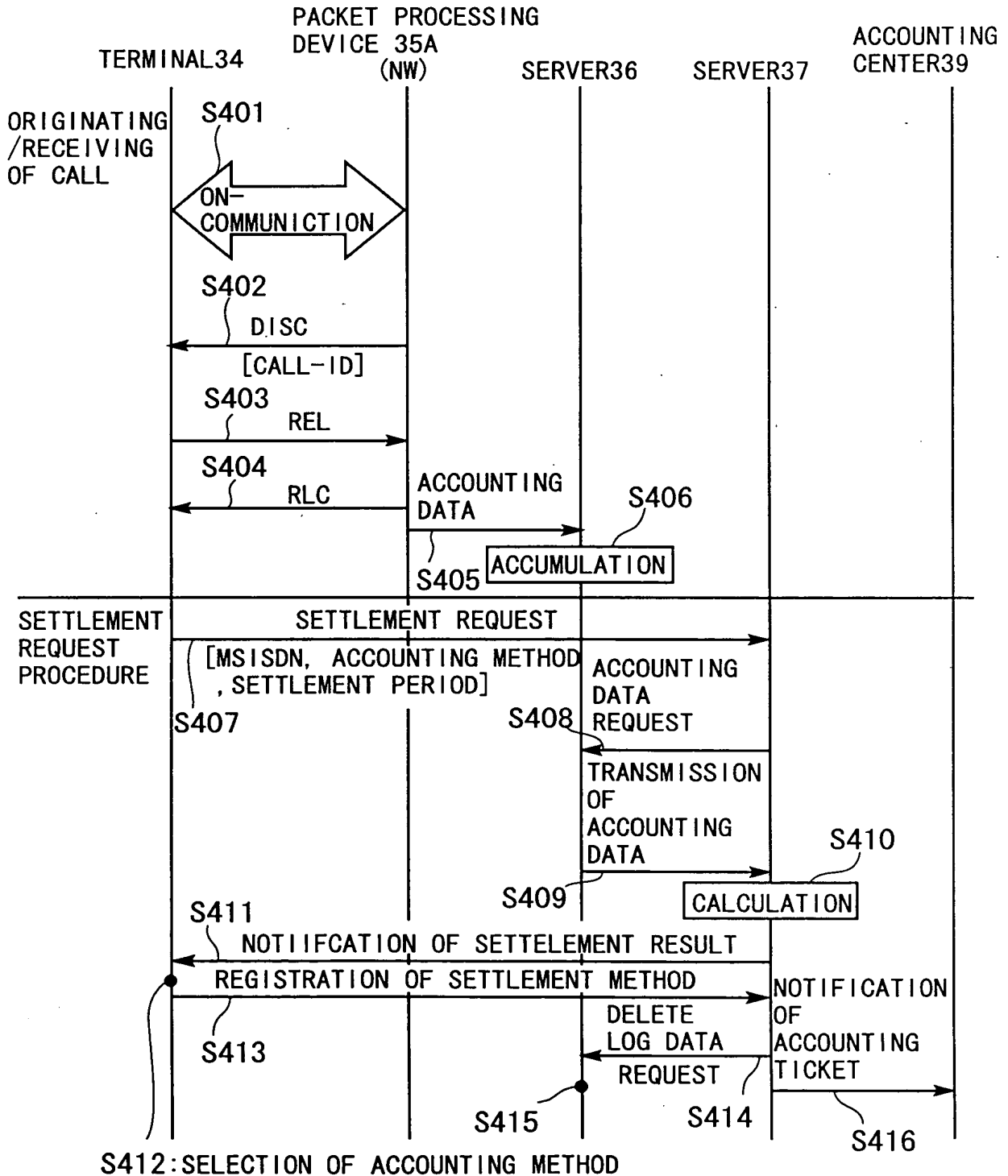


FIG. 28

2000/08/01		08:30-09:15	
00:45:50	30	100	
2000/08/01		08:30-09:15	
00:45:50	30	100	
⋮			

RECORD OF ACCOUNTING DATA FOR ONE CALL

40

36A

FIG. 29

RESULT-OF-SETTLEMENT
SCREEN

41

SELECTION OF SETTLEMENT

SETTLEMENT PERIOD
2000/8/1 23:58~
2000/8/1 23:59

PACKET COUNT

X-PACKETS ¥100

;PACKET QUANTITY ¥120

;X-BYTES

COMMUNICATION TIME;
X MINUTES ¥80

FIG. 30

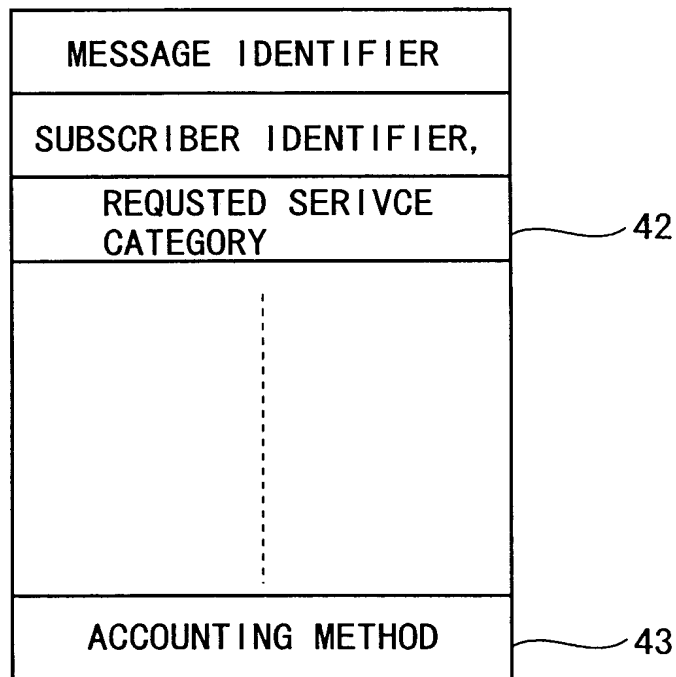
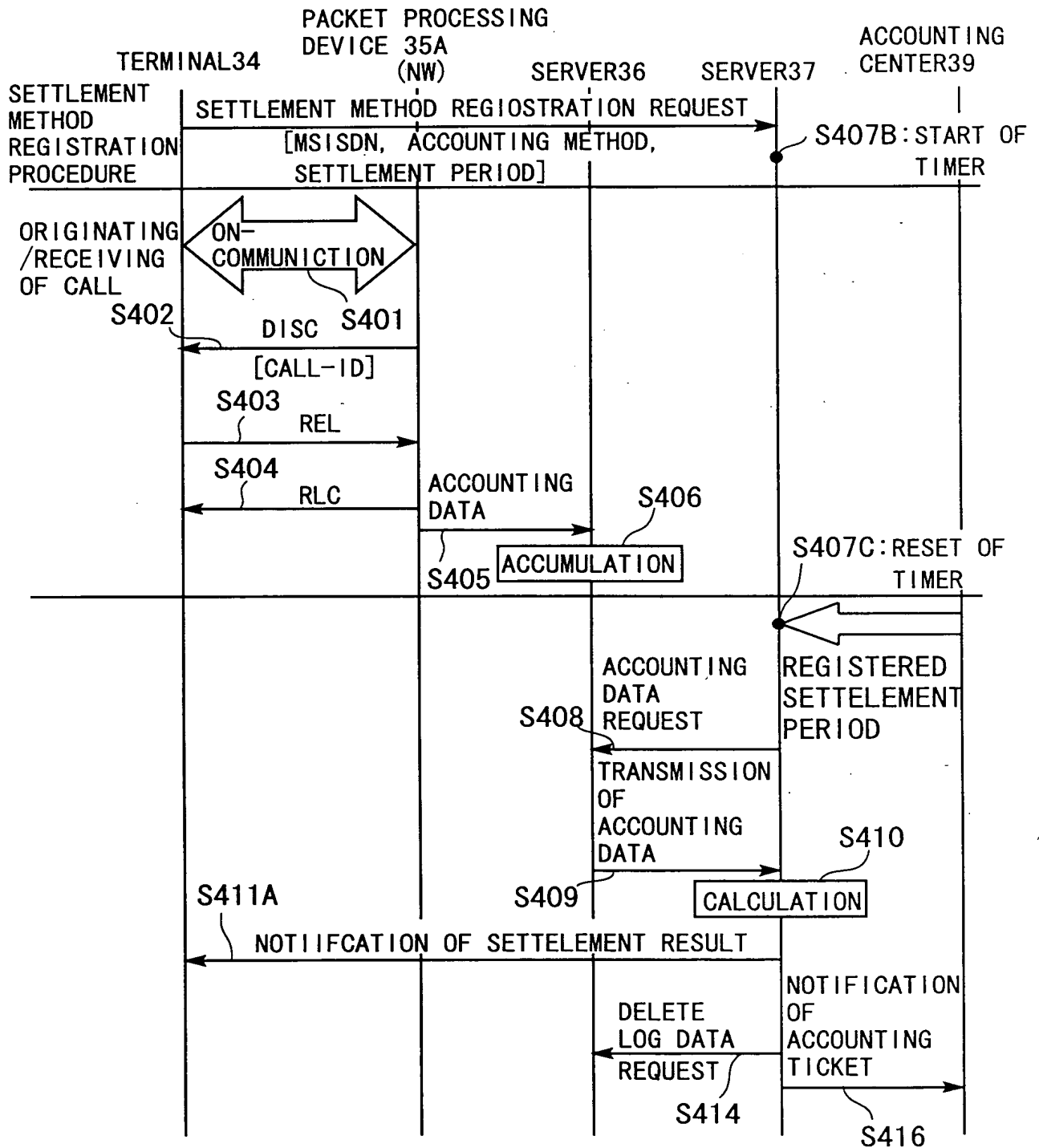


FIG. 31



000433 0330660

FIG. 32

ACCOUNTING DATA DISPLAY SCREEN

8/1:8:30-9:15
T:45 MIN 50 SEC
P:30/B:100M
8/1:10:15-10:09 (C)
T:4 MIN 15 SEC

.....

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TDET20" 98940660

FIG. 33

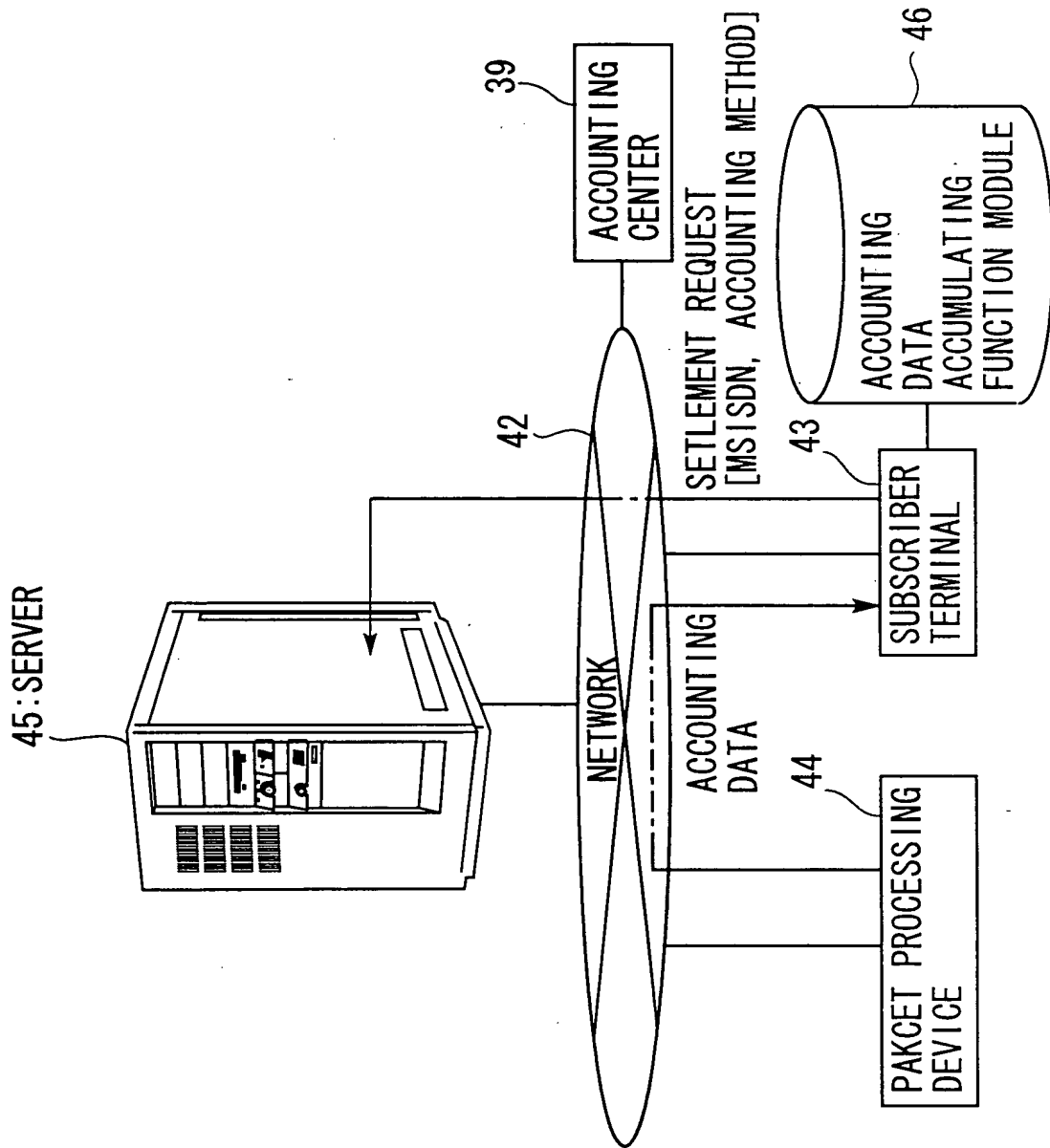
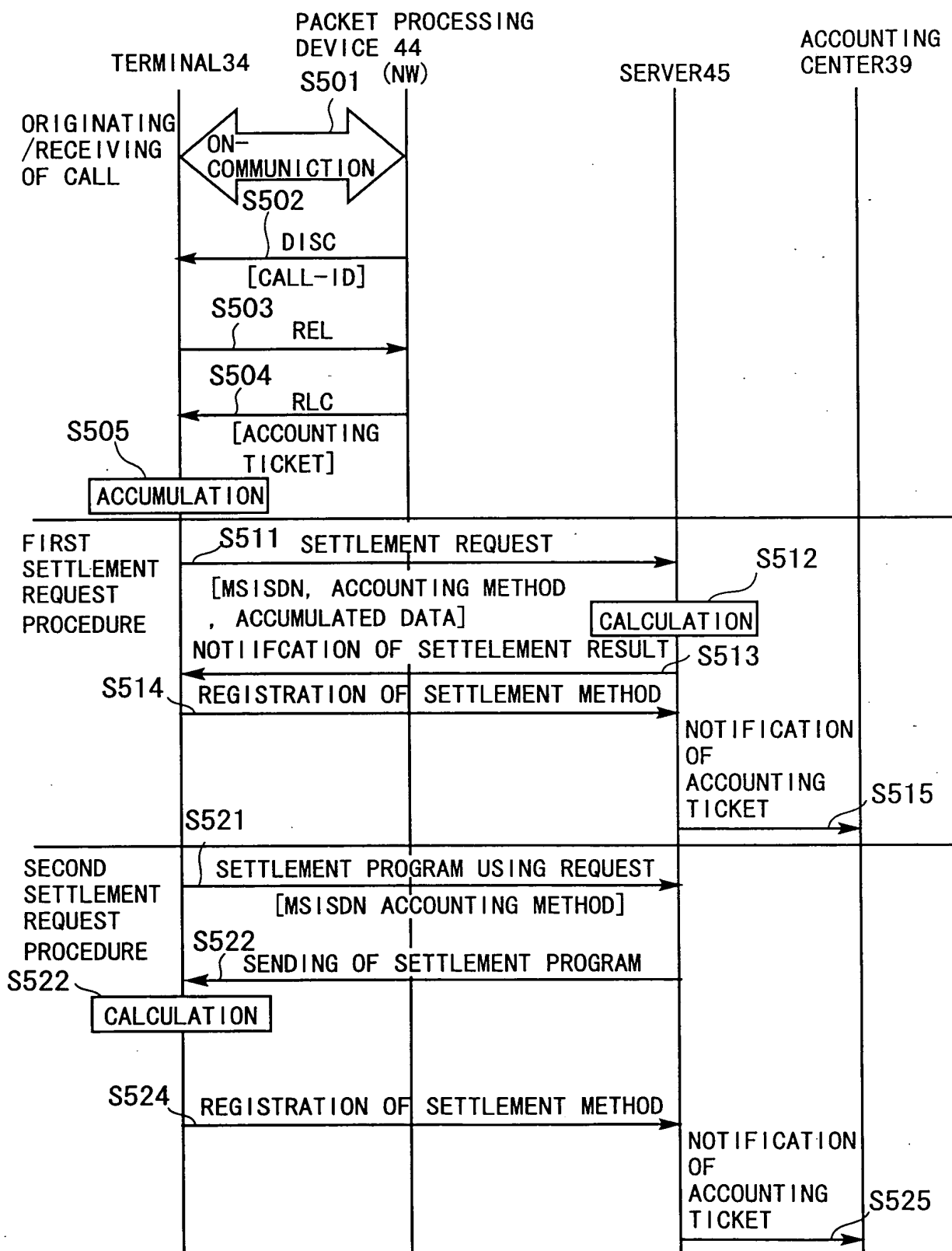


FIG. 34



0904686-01301

FIG. 35A

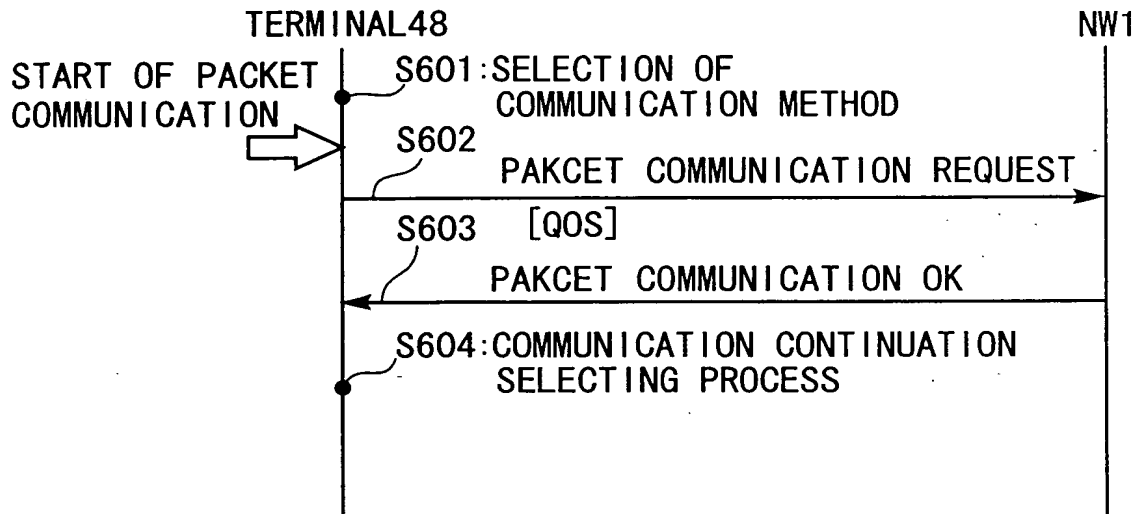
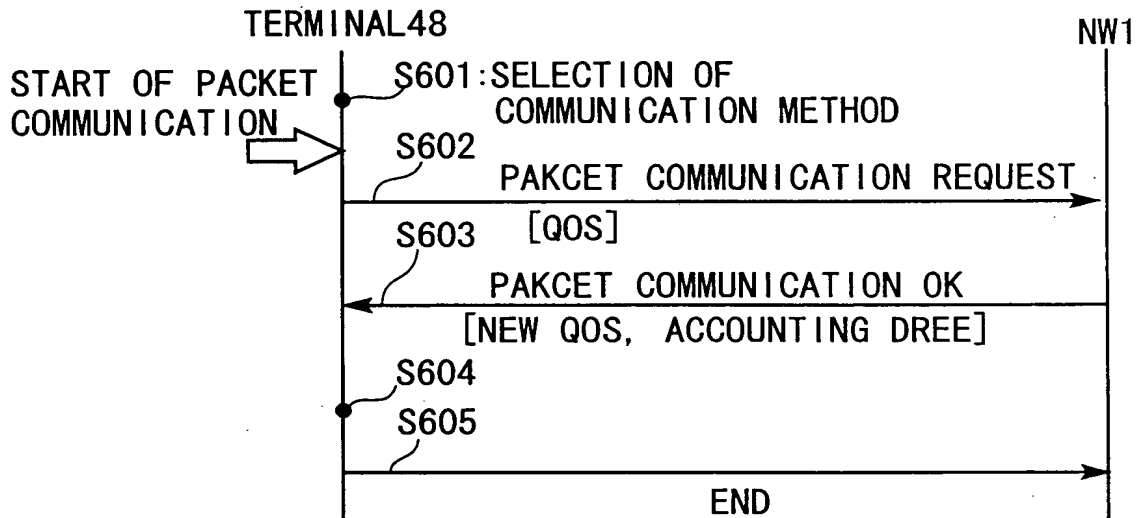


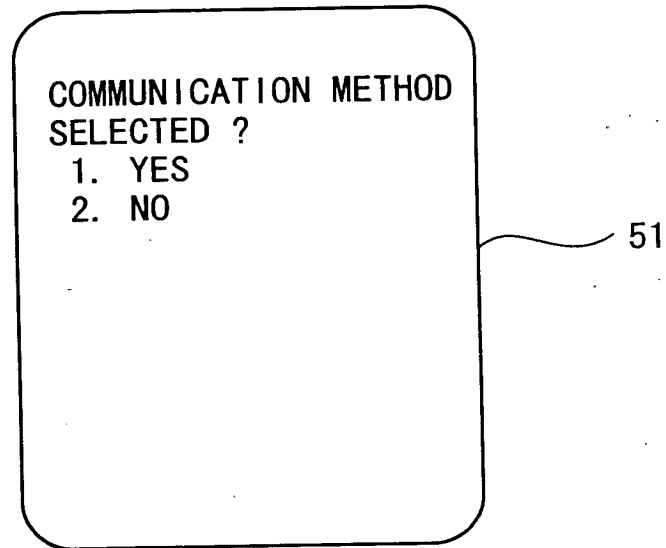
FIG. 35B



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FIG. 36

COMMUNICAITON METHOD SELECTION SCREEN



A rectangular screen with rounded corners. The text inside reads: "COMMUNICATION METHOD SELECTED ?" followed by a numbered list: "1. YES" and "2. NO". A wavy line points from the right side of the screen to the label "51".

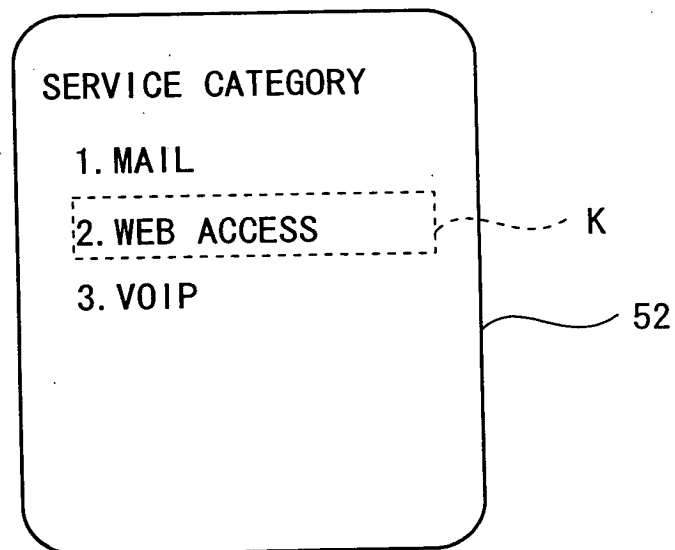
COMMUNICATION METHOD
SELECTED ?

1. YES
2. NO

51

FIG. 37

SERVICE CATEGORY (CALL CATEGORY)
SELECTION SCREEN



A rectangular screen with rounded corners. The text inside reads: "SERVICE CATEGORY" followed by a numbered list: "1. MAIL", "2. WEB ACCESS", and "3. VOIP". The item "2. WEB ACCESS" is enclosed in a dashed rectangular box. A dashed line points from the right side of this box to the label "K". A wavy line points from the right side of the screen to the label "52".

SERVICE CATEGORY

1. MAIL
2. WEB ACCESS
3. VOIP

K

52

FIG. 38

COMMUNICATION QUANTITY INPUT SCREEN

COMMUNICATION
QUANTITY ?
(INPUT BYTE COUNT)

53

FIG. 39

PARAMETER DETERMINATION SCREEN

PARAMTER ?

1. COMMUNICAITON FEE
2. COMMUNICATION TIME

K

54

09904686-071301
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FIG. 40

ON-COMMUNICTON-PROCESS SCREEN

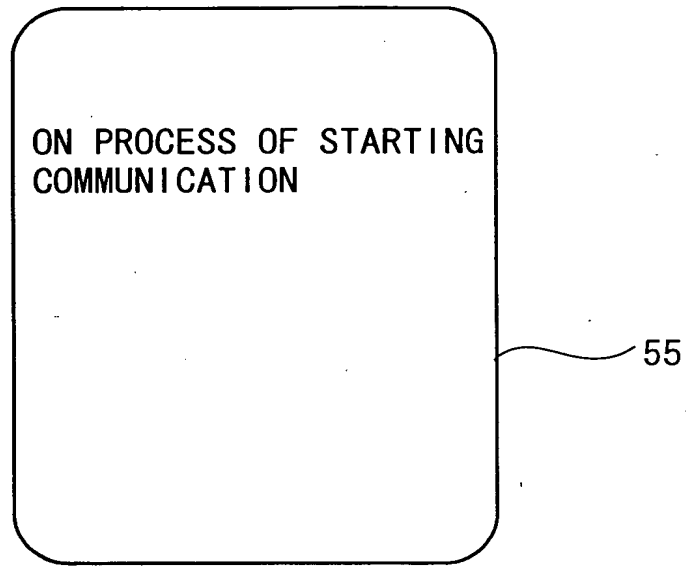


FIG. 41

COMMUNICATION CONTINUATION SELECTION SCREEN

